

ACCESSION NR: AP4028427

5/0181/64/006/004/1039/1047

AUTHORS: Govorkov, V. G.; Indenbom, V. L.; Papkov, V. S.; Regel', V. R.

TITLE: The dislocation theory of the initial stages of deformation in single crystals of germanium

SOURCE: Fizika tverdogo tela, v. 6, no. 4, 1964, 1039-1047

TOPIC TAGS: germanium, dislocation theory, creep, kinetic equation, crystal deformation, temperature dependence, time dependence

ABSTRACT: Beginning with the simple kinetic equation for deformed crystals as used by Gilman and Johnston, ε = Nbv, where ε is the rate of plastic flow, N the density of mobile dislocations, b Burgers vector, and v the velocity of deformation, the authors have studied the theory of dislocations in direct application to slightly deformed crystals of germanium. They have compared the results with experimental data on the relations of deformation and creep to conditions under which the properties are measured. A comparison of measured and computed values is shown graphically in Fig. 1 on the Enclosure. Good agreement was obtained between experimental data and theoretical considerations both for rate of deformation and Cord 1/3

ACCESSION NR: AP4028427

for creep. The authors consider this further confirmation of the validity of the view that the deformational properties of single crystals of germanium may be described by the kinetic theory of dislocations; and they consider their results contrary to the concept that such deformation is due to dislocation rupture at atmospheric impurities. The authors think great promise is to be found in the joint application of phenomenological consideration of dislocation theory, macroscopic study of temperature and time dependence of deformational properties in a crystal, and microscopic study of the deformational mechanism. Orig. art. has: 8 figures and 23 formulas.

...SSOCIATION: Institut kristallografii AN SSSR, Moscow (Institute of Crystallography, AN SSSR)

SUBMITTED: 070ct63

DATE AQ: 27Apr64

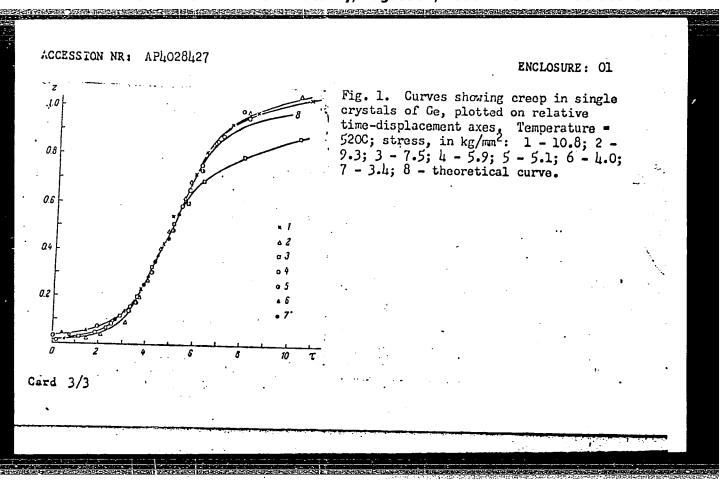
ENCL: Ol

SUB CODE: SS, EC

NO REF SOV: 005

OTHER: Oll

Card 2/3



ACCESSION NR: AP4043783

\$/0190/64/006/008/1450/1457

AUTHOR: Vershinina, M. P.; Regel', V. R.; Cherny*y, N. N.

TITLE: Effect of U-V irradiation on polymer strength

SOURCE: Vy*sokomolekulyarny*ye soyedineniya, v. 6, no. 8, 1964, 1450-1457

TOPIC TAGS: polymer strength, mechanical stress, UV irradiation, polymer failure, polymer degradation, capron fiber

ABSTRACT: The dependence of the strength of polymers subjected simultaneously to mechanical stress and U-V irradiation on temperature and time has been studied for capron fibers. The study is based on principles developed by S. N. Zhurkov. Zhurkov has suggested that the mechanical failure of polymers is a result of the thermal degradation of macromolecules which is activated by mechanical stresses. He has also established the formula

τ = τ₀e(U₀ -γσ)/RT

Card 1/4

ACCESSION NR: AP4043783

for the rupture life (t) of specimens at temperature T and under stress o; τ_0 , U_0 , and γ are constants having specific physical meaning. The rupture life of capron fibers was studied under various conditions. The results of the experiments, given in Figs. 1 and 2 of the Enclosure, show the effect of U-V irradiation on the fiber strength and indicate that in the presence of such irradiation the dependence of the fiber strength on temperature and time cannot be described by Zhurkov's formula with the usual values of the coefficients τ_0 , U_0 , and γ . The effect of U-V irradiation is explained on the basis of further experiments, analysis of Zhurkov's formula, and the assumption that the failure of fibers is the result of the combination of two processes: degradation in accordance with Zhurkov's formula and degradation caused by irradiation. "The authors express their gratitude to S. N. Zhurkov for his interest in the study and for his valuable advice." Orig. art. has: 6 figures.

ASSOCIATION: Fiziko-tekhnicheskiy institut im. A. F. Ioffe (Physico-technical Institute)

SUBMITTED: 26Sep63

ATD PRESS: 3088

ENCL: 02

SWB CODE: OC, OP

NO REP SOV: 010

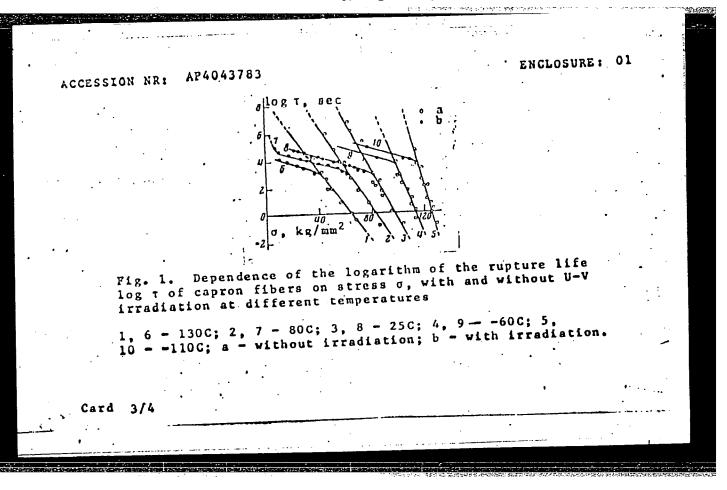
OTHER: 001

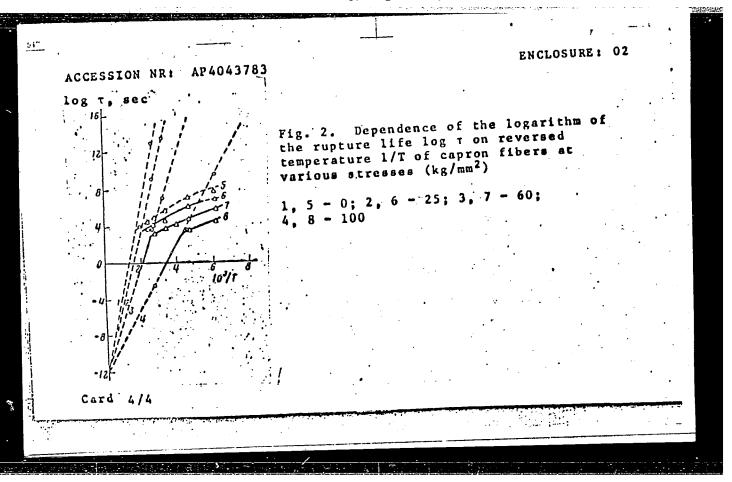
Ca-d 2/4

11"

APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R0014445





lasting quality of polymeric fibers and files in a state of stress under the action of ultraviolet radiation. Knim. volck. no.6: 50.54 165. (MIFA 18:12)

1. Fiziko-tekhnicheskiy institut im. A.F. Ioffe AN SSSR. Submitted July 9, 1964.

SABADUS, Valeria, conf.; DAN-REBENCIUC, E., dr.; REGHIS, E., dr.

Current problems in perinatal and neonatal pathology. Padiatria (Bucur.) 14 no.3: 193-202 My-Je 165.

1. Clinica de pediatrie a Institutului de medicina, Timisoara (for Sabadus). 2. Sectia de nou-nascuti din Clinica de obstetrica a Institutului de medicina, Timisoara for Dan-Rebenciuc, Reghis)

HAT(m)/EAP(j)/T IJP(c) W^{2}/RM SOURCE CODE: UR/0183/65/000/006/0050/0054 ACC NR: AP6012420 AUTHOR: Regel', V. R.; Chernyy, N. N. ORG: Physical-Technical Institute im. A. F. Ioffe AN SSSR (Fizikotekhnicheskiy institut AN SSSR) TITLE: Durability of polymeric fibers and films under stress when subjected to ultraviolet irradiation / SOURCE: Khimicheskiye volokna, no. 6, 1965, 50-54 TOPIC TAGS: synthetic fiber, uv irradiation, light radiation effect, polymer physical chemistry, rupture strength, mechanical stress, mechanical fatigue, empirical equation ABSTRACT: The effect of ultraviolet light on the strength of stressed polymeric fibers and films was examined. 16 different polymeric materials exhibited identical characteristics with respect to the relationship of their durability when under stress and subjected to uv light. An empirical equation was found. This relationship is explained by the superimposition of two breakdown processes -- a fluctuation process and the process of destruction due to the action of light. UDC: 677.4:539.1.043 Card 1/2

L 37204-66	0	
Specific physical terms can be attached to the parameters of the empirical equation. This empirical relationship can be used in determining light stability of stressed polymers. Orig. art. has: equations, 4 figures and 1 table. SUB CODE: 07,11/ SUBM DATE: 09Jul64/ ORIG REF: 012/	,	
SUB CODE: 07, L1/ SUBM DATE: 090010 9		
Card 2/2		

ACC NR: AP6026685

SOURCE CODE: UR/0181/66/008/008/2364/2369

AUTHOR: Regel', V. R.; Muinov, T. M.

ORG: Physico-Technical Institute im. A. F. Ioffe, AN SSSR, Leningrad (Fiziko-tekhni-cheskiy institut AN SSSR)

TITLE: Use of a mass spectrometer for studying the kinetics of polymer destruction on the basis of the yield of volatile products

SOURCE: Fizika tverdogo tela, v. 8, no. 8, 1966, 2364-2369

TOPIC TAGS: mass spectrometry, polymer structure, polymerization kinetics

ABSTRACT: It was found in an earlier mass spectrometry experiment that, during mechanical destruction, polymers yield the same volatile products as during thermal destruction. The volatile products form as a result of secondary radical reactions following the mechanical breaking of macromolecular chemical bonds. Earlier studies have provided valuable information on the kinetics of polymer destruction and the relationship between destruction and deformation. In this paper, a further mass spectrometry study is made of the liberation of volatile products from polymers under stress and, in particular, the speed of separation as a function of the applied stress. It is shown that, in accordance with the kinetic theory of the strength of solids, destruction begins at the instant stress is applied, and that a relation exists between deformation and destruc-

Card 1/2

ACC NR: AP6026685

tion. If the volatile products indeed form as suggested, the rate of their formation during steady state creep will depend exponentially on the applied stress. When a stress is applied, the yield increases rapidly, then drops off to a steady value. Results show that polymer destruction is like a thermofluctuation process in which chemical bonds are broken in sequence, whereby free radicals are formed and volatile products develop as a result of secondary radical reactions. Orig. art. has: 6 figures.

SUB CODE: 20/ SUBM DATE: 06Jan66/ ORIG REF: 008

Card 2/2

L 32661-66 EWT(m)/EWP(j)/T IJP(c) WW/RM

ACC NR. AP6015049 (A) SOURCE CODE: UR/0190/66/008/005/0834/0840

AUTHOR: Anufriyev, G. S.; Pozdnyakov, O. F.; Regel', V. R.

ORG: Physicotechnical Institute im. A. F. Ioffe (Fiziko-tekhnicheskiy institut)

TITLE: Application of mass spectrometry to the study of polymer thermal degradation of

SOURCE: Vysokomolekulyarnyye soyedineniya, v. 8, no. 5, 1966, 834-840

TOPIC TAGS: polymer, polymethylmethacrylate, monomer, mass spectrometer, activation energy, POLYMER DECARDATION, THERMAL DECOMPOSITION

ABSTRACT: A time-transient mass spectrometer with a stroboscope transformer of emitted signals has been used for investigating the composition and the kinetics of liberation of volatile products of polymethylmethacrylate thermal decomposition. The advantages of this method over others were demonstrated. The mass spectrum of the monomer and of the products of polymethylmethacrylate thermodegradation were recorded. The activation energy of polymethylmethacrylate thermodegradation at the initial stage was found to be 30 kcal/mol and in subsequent heating 50 kcal/mol. The authors thank B. A. Hamyrin for his help and

Card 1/2 UDC: 678.01.54

CC NR: AP60	15049							0	
articipat formulas	ion in discu and 1 table	ssions . [Bas	of the resed on au	esults thors'	. Orig	g. art. act]	has:	5 figures, [NT]	
UB CODE:	11, 20/ SUBM	DATE:	03May65/	ORIG	REF: 0	L1/ OTH	REF:	006	26.03616
1									,
				• .			٠		
									1 0 0 kg 10 10 mg/s
				-			•		
									1 2
ard 2/2	RLG								

"APPROVED FOR RELEASE: Tuesday, August 01, 2000

CIA-RDP86-00513R001444

EWT(m)/EWP(j)/T TJP(c) WW/RM L 52550-66 SOURCE CODE: UR/0190/66/008/005/0841/0845 ACC NR. AP6015050 (A)41 AUTHOR: Regel', V. R.; Muinov, T. M. В Physicotechnical Institute im. A. F. Ioffe (Fiziko-tekhnicheskiy institut) TITLE: Application of mass spectrometry for the investigation of the kinetics of separation of volatile products from polymers under stress/ Vysokomolekulyarnyye soyedineniya, v. 8, no. 5, 1966, 841-845 TOPIC TAGS: polymer, polystyrene, polymethylmethacrylate, polyvinyl alcohol, mass spectrometry, CHEMICAL SEPARATION ABSTRACT: The kinetics of the separation of volatile products from polymer samples (polymethylmethacrylate) polystyrene) and polyvinyl alcohol) under stress has been investigated using a time-transient mass spectrometer. The volatile products separate from the moment of the application of stress, not only after rupture. It was proved that rupture begins at the moment stress is applied. It was determined that the kinetics of separation of volatile products is analogous to the deformation kinetics, which points to their close connection. There is an exponential relationship between the separation rate of UDC: 678.01:53 Card 1/2

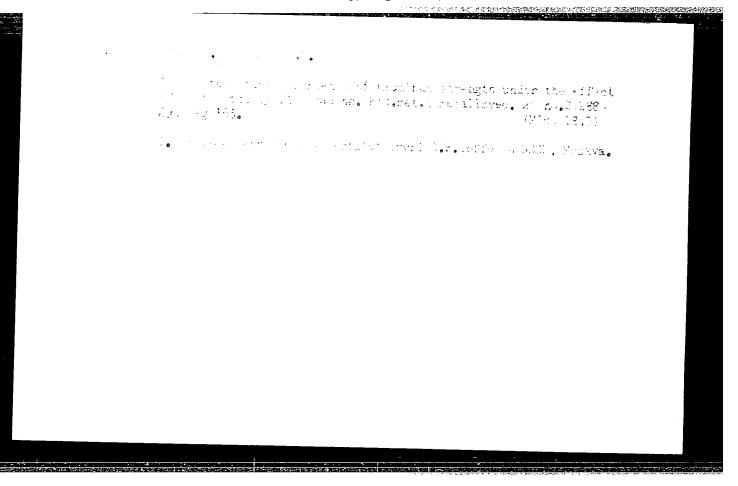
L 32660-66 ACC NRAP6015050		40.00	0
volatile products and [Based on authors' ab	the stress applied. Ostract].	rig. art. has:	3 figures. [NT]
SUB CODE: 11/ SUBM DA	re: 03May65/ ORIG REF:	005	
	•	•	
	• •		-
		•	
Card 2/2 BC			. ·

。 1987年,1987年,1987年,1987年,1987年,1987年,1987年,1987年,1987年,1987年,1987年,1987年,1987年,1987年,1987年,1987年,1987年,1987年,19

LEKSOVSKIY, A.M.; REGEL!, V.R.

Longevity of polymers under the effect of cyclic loading. Vysokom, soed. 7 no.6:1045-1050 Je '65. (MIRA 18:9)

1. Fiziko-tekhnicheskiy institut imeni A.F. Ioffe AN SSSR, Leningrad.



REGEL, V. R.

"Mass-spectrometric study of the yield of volatiles by the solids rupture." report submitted for Intl Conf on Fracture, Sendai, Japan, 12-17 Sep 65.

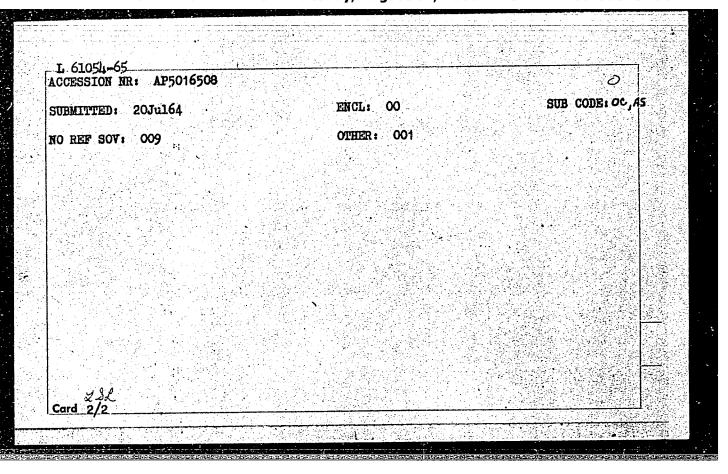
Phys-Tech Inst, AS USSR.

"APPROVED FOR RELEASE: Tuesday, August 01, 2000

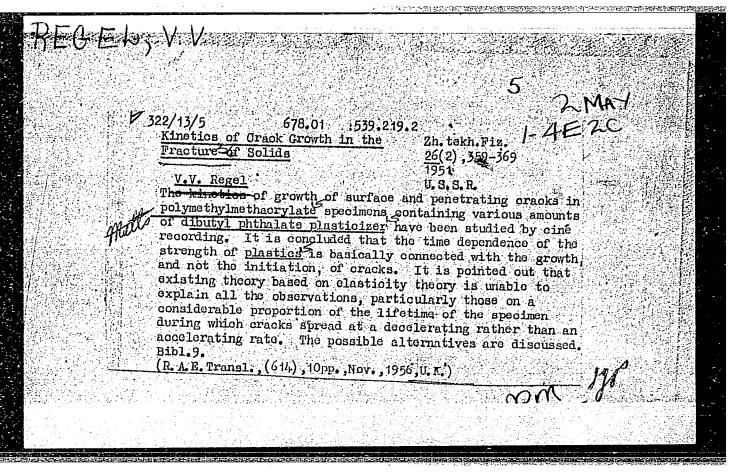
CIA-RDP86-00513R001444

EWT(m)/EPF(c)/EWG(v)/EWP(j)/T/EWA(c) Pc-4/Pe-5/Pr-4/Ps-4 RPL L 61054-65 WW/RM UR/0190/65/007/006/1045/1050 ACCESSION NR: AP5016508 678.01 : 53 AUTHORS: Leksovskiy. A. M.; Regel!, B The longevity of polymers under cyclic loading Vysokomolekulyarnyye soyedineniya, v. 7, no. 6, 1965, 1045-1050 SOURCE: TOPIC TAGS: polymer, resin, tensile stress, tensile strength, polyacrylonitrile, polymethyl methacrylate, viscose, caprone ABSTRACT: The longevity of four polymers subjected to static and periodic loading was determined in order to test the validity of the impairment superposition principle. The investigation is an extension of previous work of the authors (Fizika tverdogo tela, 4, 949, 1962). The polymers investigated vere: polyacrylonitrile, polymethylmethacrylate. viscose band caprone. The experimental method is described in the reference above. It is concluded that the impairment superposition principle is valid and that the degradation at static and periodic loads stems from the thermal activation rupture of chemical bonds as suggested by Zhurkov. Orig. art. has: 3 graphs and 4 equations. ASSOCIATION: Fiziko-tekhnicheskiy institut im. A. F. Ioffe. (Physico-Technical Institute)

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444



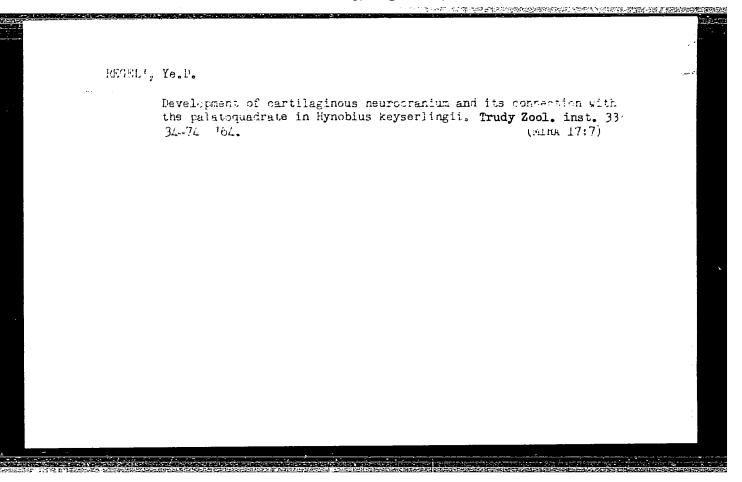
Description of the theory appears of the straight and the straight of the stra



REGEL', Ye. D.

Homology of the laminae orbitonasales in amphibia. Dokl. AN SSSR 154 no. 3:728-730 Ja '64. (MIRA 17:5)

1. Zoologicheskiy institut AN SSSR. Predstavleno akademikom I.I.Shmal'gauzenom.



REGEL', Ye.D.

Segmentation traces in the chordal part of the cartilaginous skull of Hynobius kayserlingii. Dokl. AN SSSR 140 no.1:253-255 S-0 '61. (MIRA 14:9)

1. Zoologicheskiy institut AN SSSR. Predstavleno akademikom I.I. Shmal'gauzenom.

(Skull) (Salamanders)

Palatoquadratum and its connections with the axial part of the skull in Hynobius kayserlingii. Dckl AN SSSR 142 no.1:237-240 Ja 162. (KIRA 14:12)

1. Coclogicheskiy institut AN SSSR. Predstavleno akademikom I.I. Shmal'gauzenom. (Amphibia) (Skull)

```
Totally, ... V. Post into Servesion of Secreta; a tock review. g. fiz.

Vel. 1, No. 1, Nov. 1955.

Giffill Fittle YI States.

Tick-Kicer

Fudepost, Europeny

Ser last Europen Accessor, Vol. 1, No. 5, Nay 19:6
```

REGELE, Z.; ACS, E.

Stabilization of rubbish-slag embankment by the Czebertovicz process. p. hh. (Melyepitestudomanyi Szemle, Vol. 7, no. 1/3, Jan./Mar. 1957. Budapest, Hungary)

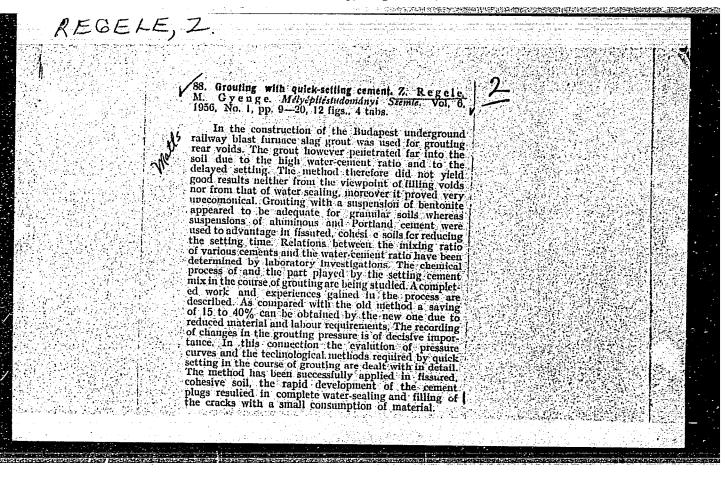
SO: Monthly List of East E ropean Accessions (EEAL) LC, Vol. 6, no. 9, Sept. 1957. Uncl.

REGELE, Z.

Testing the chemical stabilization of loess soils. p. 228.

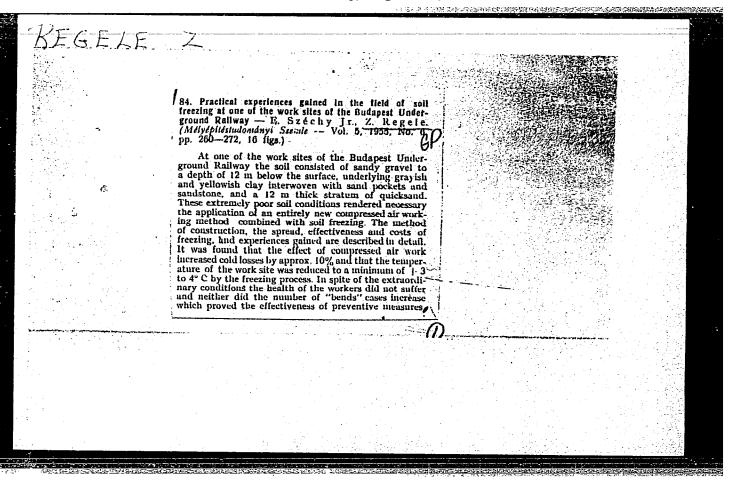
MELYEPITESTUDOMANYI SZEMLE. (Kozlekedes- es Kozlekedesepitestudomanyi Egyesulet) Budapest, Hungary, Vol. 9, no. 5, May 1959.

Monthly list of East European Accessions (EEAI), IC, Vol. 8, No. 8, August 1959. Uncla.



Injection with fast binding cement. P. 9 MELYEPITESTUDOMANYI SZEMLE (Kozlekedesi Kiado) Budapest Vol. 6, no. 1, Jan 1956

SOURCE: MEAL IC Vol. 5, no. 7, July 1956



REGELE, Zoltan, okleveles mernok

Electrosilicatization and its application in Hungary. Melyepitestud szemel 14 no.6:273-282 Je '64.

1. Division Chief, Geodetic and Soil Testing Enterprise.

Rerele, Z.; Balazsi, B.

Increasing the load capacity of piles by soil stabilization. p.413

MELYEPITESTUDOMANYI SZEMLE. (Kozlekedes-es Kozlekedesepitestudomanyi Egyesulet) Budapest, Hungary. Vol.9, no.9, September 1959

Monthly List of East European Accessions (EEAI) LC, Vol.8, no.11 November 1959 Uncl.

REGELE, Zoltan, okleveles mernok

An interesting application of soil stabilization by chemicals. Melyepitestud szemle 11 no.3:133-135 Mr '61.

1. Foldmero es Talajvizsgalo Vallalat szakosztalyvezetoje.

URETSKAYA; VISHNYAKOVA; BORISOV; PINKHASOVICH; MURADOV; REGEL'MAN; OSERSKIY;
PYATOV; BOKSERMAN; GORPISHCHENEO; YEREMENKO; ZHARKOV; POPOV; ROMANOVA;
SIDORENKO; TODRIN; TIMOVEYEVA.

Dmitrii Sergeevich Pavlov; obituary. Gaz. prom. no.1:56 Ja '58.

(Pavlov, Dmitrii Sergeevich, 1904-1957) (MIRA 11:2)

REGEL'MAL. Kin. Z., Cand Tech Sci -- "Study of we vibrations of the bobbin-holder and the performance of the spreader of a glass-spinning unit." Mos, 1960 (Min of Higher and Secondary Specialized Education RSFSR. Mos Textile Inst) (KL, 1-61, 196)

-235 -

Head jigzing stenter mechanism of the PTS-250-I5 centrifugal spinning machine. Khim. volok. no.6:39-41 '62.

(MIRA 16:1)

1. Leningradskiy tekstil'nyy institut.

(Spinning machinery)

```
Reduction, mail.

selesigned drive for the funcels of the tentrife, all spirning mannine for viscose sits. Inc. vys. teneb. news; tean. tekst. prom. no.3:183-188 *62.

(**The local drive for the funcels of the tentrife, all spirning manning manning team. The least of the tentrife, all spirning manning manning team. The least of the tentrife, all spirning manning manning team. The least of the tentrife, all spirning manning manning team. The least of the tentrife, all spirning manning manning team. The least of the tentrife, all spirning manning manning team. The least of the tentrife, all spirning manning manning team. The least of the tentrife, all spirning manning manning team. The least of the tentrife, all spirning manning manning team. The least of the least of the tentrife, all spirning manning team. The least of the le
```

REGEL! MAN, Kh.Z., inzh. Vibration measurement by means of high-speed cinematography. (MIRA 13:6) Tekst.prom. 20 no.2:59-61 F 160.

(Motion-picture photography, high-speed) (Textile machinery-Vibration)

HEGGELTHAN, Kh. ... kand. tokhn. nauk, dotsent; CHISTGEMEDOV, V.V., Book review. Telest. prom. 25 no.7:76-79 Jl 165. (AIPA 18:2) 1. Leningradskiy institut tekstil'noy i legkoy promyshlennenti immi Kirova.

RECEL'MAN, Kh.Z.

Critical speed and self-centering of bobbin holders on glass weaving machines. Izv.vys.ucheb.zav.; tekh.tekst.prom.

(MIRA 12:6)
no.1:158-167 '59.

1. Leningradskiy tekstil nyy institut im. S.M.Kirova. (Glass fibers) (Textile machinery)

REGEL'MAN, Kh.Z.

1. Leningradskiy tekstil'nyy institut im. S.M.Kirova. (Glass fibers) (Spinning machinery)

REGEL MAN, Kh.Z.

Experimental study of the oscillations of the bobbin holder of a glass filament spinning unit. Izv. vys. ucheb. zav.; of a glass filament spinning unit. Izv. vys. ucheb. zav.; tekh. teks. prom. no. 2:136-143 '61.

l. Leningradskiy tekstil'nyy institut imeni S.M. Kirova. (Glass fibers)

(Spinning machinery)

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

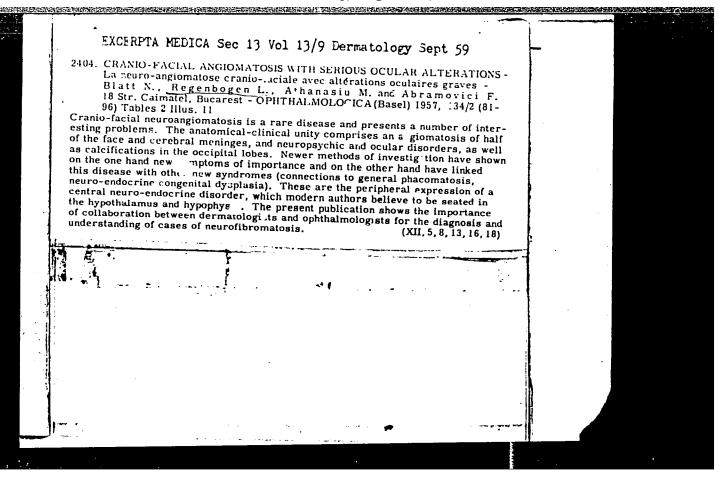
Preparation of isopentane in an isobutane column. Gaz.prom. 6 nc.3:45-47. 161. (Butane) (Propane)

YESYUTIN, Leonid Sergeyevich; BUSHIN, V.P., retsenzent; ZOTOV, V.A., retsenzent; MEDVEDEV, P.1., retsenzent; EYZERMAN, V.L., retsenzent; REGEL'SON, L.M., kand. tekhn. nauk, dots., red.; DOZORISEVA, Ch.I., red.

[Elements of antenna and wave-guide systems] Elementy antenno-volnovodnykh ustroistv. Moskva, Izd-vo Mosk. univ., 1964. 102 p. (MIRA 17:11)

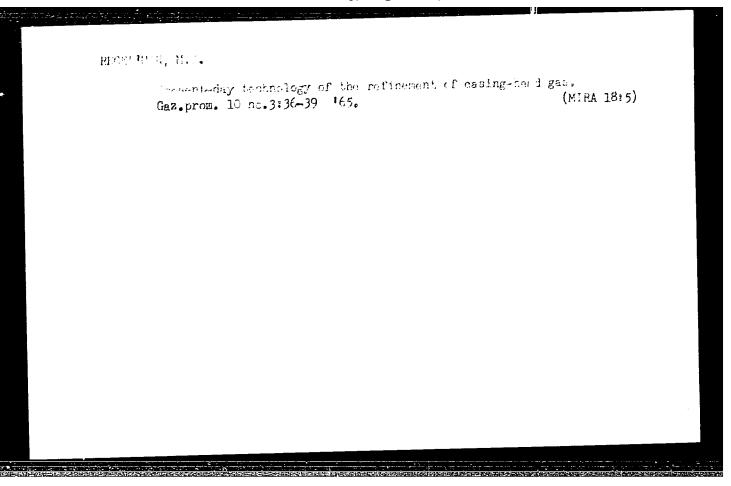
REGEL'SON, Lev Moiseyevich; AZ'YAN,Yu.M.,dots.,red.; LAZAREVA,L.V.,
tekhn.red.
[Analysis of the operation of a blocking oscillator]
Analiz raboty bloking-generatora. Moskva, Izd-vo Mosk.
univ. 1963. 146 p. (MIRA 16:7)

1. Moskovskiy gosudarstvennyy universitet (for Az'yan).
(Oscillators, Electron-tube)
(Oscillators, Transistor)



13 Vol. 11/10 Dermatology Oct 57 2284. BLATT N., REGENBOGEN L., ATHANASIU M. and ABRAMOVICI F. *Neuro-angiomatoză cranio-facială cu grave alterații oculare. Enc ephalofacial neuro-angiomatosis with severe ocular alterations DERM.-VENEROL. (Bucuresti) 1957, 2/2 (140-152) Tables 1 Illus. 110 Encephalo-facial-neuro-angiomatosis is a rare disease which brings up nost interesting problems from the dermatological and ophthalmological point of view. As a rule classified within the group of phacomatoses, it may be integrated into a larger sphere among the congenital neuro-endocrine dysplasias and seems to be he peripheral expression of a neuro-endocrine disturbance. The authors present and interpret an original case of neuro-angiomatosis exhibiting: naevus flammei s of the left side of the face with a haemangioma of the upper maxillary, cranio-facial homolateral hemihypertrophy, anglomatous invasion of the left maxillary sinus, conjunctival and choroidal angiomatosis associated to detachment of the retin.; and low intra-ocular pressure. The case also presents cranial hyperostotic thickenings, intra-ocular calcifications and an altered aspect of the sella turcica region. The problems which have arisen in connection with the interpretation of this case show the necessity of a collaboration between the dermatologist and oculist as regards any case of encephalo-facial neuro-angiomatosis. (XIII, 8, 12, 18)

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444



83409

V/003/60/000/008 (003 003 B015/B058

5.3831

AUTHORS: Kamenár, Štefan, Candidate of Chemical Sciences, Šimek.

Ivan, Engineer, Regensbogenová, Eva, Engineer (Bratislava)

TITLE:

Copolymerization of 2-Vinyl Furan With Vinylidene Chloride!

Determination of the Copolymerization Parameters

PERIODICAL:

Chemické zvesti, 1960, No. 8, pp. 581-589

TEXT: The copolymerization of the two monomers 2-vinyl furan and vinylidene chloride was investigated by determining the copolymerization parameters according to the adapted integrated form of the copolymerization equation. The molar composition of the mixture of the monomers was altered from 0 to 1, and the amount of the non-reacted monomer was determined by the Zacherle-Krainick method (Ref. 34) (Tables 1,2). The numerical calculation of the parameters was carried out by the method of least squares (Table 3), and the values $r_1 = 11.7 \pm 0.07$ and $r_2 = 0.15 \pm 0.014$ were obtained. A correlation with the rule by Kh. 3. Bagdasaryan (Ref. 35) was observed. There are 4 figures, 3 tables, and

Card 1/2

83409

Copolymerization of 2-Vinyl Furan With Vinylidene Chloride. Determination of the Copolymerization Parameters

V/003/60/000/008/555 (55) B015/B058

35 references: 3 Soviet, 11 US, 2 French, 3 German, 5 Czechoslovakian, 1 Swedish, 1 Swiss, and 2 Japanese.

ASSOCIATION: Katedra organickej technológie Slovenskej vysokej školy technickej v Bratislave (Chair of Organic Technology of the

Slovakian Technical College in Bratislava)

SUBMITTED: March 8, 1960

Card 2/2

REGELISON, Lev Moiseyevich; NIKULIN, S.M., red.; SHIROKOVA, M.M., tekhn. red.

[Blocking oscillator] Bloking-generator. Moskva, Gos. energ.izd-vo, 1961. 70 p. (Massovaia radiobiblioteka no.419). (MIRA 14:11) (Oscillators, Electron-tube)

```
The Content of the sero-sequence current is trustetion on a substantial trust of the sero-sequence current is trustetion on a substantial trust setting of the polyhedrin electric res. 4/295-517 (2).

1. Topic means of Sisetric Power Flanca, Polyhedra al University, Polyhedra (inc. Segun), Presented by Prefu Inclusional Collection of Sisetric Presented by Prefu Inclusionatia.
```

ELEV, Tibor, prof., dr. (Budapest, XI., Muegyetem rakpart 3); REGENI, Gizella, dr. (Budapest, XI., Muegyetem rakpart 3)

Problems of training scientific cadres at Budapest Technical University. Periodica polytechn eng 8 no.1:77-85 '64.

1. Mitglied, Redaktionskollegium, "Periodica Polytechnica-Engineering", (for Elek). Submitted November 12, 1963.

SEBO, Istvan, okleveles villamosmernok, egyetemi tanarseged; REGENI, Laszlo, dr., okleveles gepeszmernok, a muszaki tudomanyok kamarustusa.

Measuring the zero-sequence current intensity distribution on transmission lines. Elektrotechnika 56 no.3:119-132 Mr *63.

1. Orszagos Villamos Tavvezetek Vallalat munkatarsa; Budapesti Muszaki Egyetem Villamosmuvek Tanszek, Budapest, XI., Egry Jozsef u.18. (for Sebo). 2. Posta Kiserleti Intezet tudomanyos osztalyvezetoje, Budapest, IX., Zombori u.2. (for Regeni).

REGENSTREIF, A.

TECHNOLOGY

Periodicals: CELULCZA SI HETTE. Vol. 7, No. 6, June 1958

REGERISTREIF, A. Harvesting on the floating reed islets. p. 251.

Youthly List of East Furopean Accessions (EFAI) LC, Vol. 8, No. 2, February 1959, Unclass.

是一个人,我们就是一个人的人的人,我们就是一个人的人的人,我们就是一个人的人的人,我们就是一个人的人的人,我们就是这个人的人的人,我们就是一个人的人的人的人,我们

RUMANIA/General and Specialized Zoology - Insects.

P.

: Ref Zhur - Biol., No 9, 1958, 40027 Abs Jour

: Niculescu, E., Konig, Fr., Auslander, D., Regenstreif, M. Author

Inst

: The Morphologic and Ecologic Study of the Larva, Fupa and Title

Imago.

: Byul. stiint. Acad. RFR. Scc. biol. si stiinte agric., Orig Pub

1956, 8, No 3, 599-630.

: A detailed morphologic description (with many sketches) of Abstract

the moth Ch. palustris and its way of life are given. The ecology of the larvae and the variety in their behavior depending on the nature of the moisture of the soil on which

their feeding plants grow, are given.

Card 1/1

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REGENT, I.

Yugoslavia (430)

General - Serials

Centenary of the Communist Manifesto. p. 241. NOVI SVET (Drsavna zalozba Slovenije) Ljubljana. (Monthly for literature and arts). Vol. 3, 1948.

East European Accessions List. Library of Congress Vol. 1, no 13, November 1952 UNCLASSIFIED.

REGENT, I.

Mugoslavia (430)

General - Serials

The 31st anniversary od the October Revolution. p. 809. NOVI SVET (Drzavna zalozba Slovenije) Ljubljana. (Monthly for literature and arts). Vol. 3, 1948.

East Eureopean Accessions List.Library of Congress, Vol. 1, no 13. November 1952. UNCLASSIFIED.

(A)I 00518-66

EWT(d)/FBD/FSS-2/EEC(k)-2/EED-2/EWA(c) BC

ACCESSION NR: AP5020882

PO/0082/65/000/07-/0068/0074

AUTHOR: Furtak, Marian (Lieutenant commander, Master engineer); Regent, Jerzy (Master of arts)

TITLE: The acoustic field of a ship and the homing of torpedoes

SOURCE: Przeglad morski, no. 7-8, 1965, 68-74

TOPIC TAGS: torpedo, sound wave propagation, underwater acoustics, underwater weapon, underwater to surface missile

ABSTRACT: The aiming of conventional torpedoes and its shortcomings are discussed, as well as the principle of operation of a homing torpedo. The two types of torpedoes are compared with respect to their likelihood of hitting a target. Two types of homing torpedoes are then discussed in detail. The laws governing the propagation of sound waves in water are considered, as well as the dependence of the refraction of sound waves on their distance from a source. The acoustic field due to a ship's propeller is discussed, and a curve of the mean acoustic pressure as a function of the sound spectrum frequency recorded 50 meters from a ship is shown. The distribution of the acoustic pressure with distance from the source, the frequency dependence of the attenuation coefficient of

Card 1/2

T. 00578-66

ACCESSION NR: AP5020882

0

acoustic pressure, and the principle of measuring the acoustic pressure are discussed. The homing system of an acoustic passive torpedo is described and its schematic diagram is given. A magnetostrictive acoustic receiver and its directivity pattern are described. The principle of operation of a passive homing torpedo as used by the Germans in 1943 is also described. Orig. art. has: 8 figures and 9 formulas.

ASSOCIATION: None

SUBMITTED: 00

ENCL: 00

SUB CODE: MS, GP

NO REF SOV: 000

OTHER: 000

Card 2/2

REGENTOV, T.P., inzh.; KOPIN, A.I., inzh.

Projection indicator with an increased scale for media pressure indications. Energetik 11 no. 12:14-15 D 163. (MIPA 17:5)

BRYUKVIN, V.A., inzh.; REGENTOV, T.P., inzh.

Apparatus for electromagnetic treatment of water. Energetik 11 no.11:14-15 N '63. (MIRA 16:11)

REGENTOV, V.A.

Incidence of pyodermitis among workers of a suburban state farm as related to working conditions. Trudy ISGMI 45:263-266 '58 (MIRA 11:11)

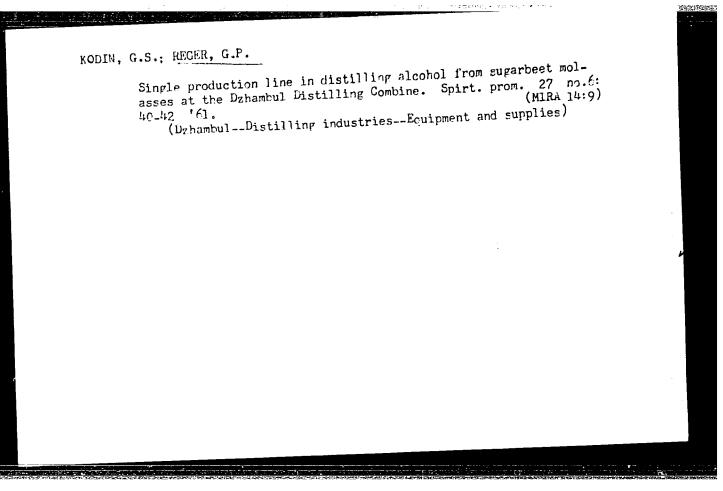
1. Kafedra kzhnykh i venericheskikh zabolevaniy Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. kafedroy prof. A.D. Troitskaya).

(SKIN-DISEASES)

(SKIN-DISEASES)
(AGRICULTURAL LABORERS-DISEASES AND HYGIENE)

```
Structural viscosity of paste-like materials. Thur. prizi. kkim.
37 no.6:1279-1284 Je '64. (MIRA 18:3)

1. Leningradskiy tekhrologicheskiy institut imeni Lensoveta.
```



"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001444

REGI, A.

"Once more about the calculation of prime cost on collective farms."

p. 534 (Sotsialistlik Pollumajandus) Vol. 12, no. 12, Pec. 1957 Tallinn, Estonia

SO! Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no..., April 1958

REGIDA, P.

Milling high-grade corn flour in the Georgiyevsk mil's of the Starr-pol Procurement Agency. Muk.-elev. prom. 27 ro.10:8-11 0 '61. (MIRA 14:12)

1. Glavnyy tekhnolog Upravleniya mukomol'no-krupyanoy i kombikormovoy promyshlennosti Ministerstva zagotovok RSFSR. (Georgiyevsk--Corn milling)

REGIDA, P.; MEL'NIKOV, M.; KUZNETSOV, M.

Producing several types of milled corn products at low-capacity mills. Muk.-elev. prom. 28 no.8:15-17 Ag 62. (MIRA 17:2)

1. Vserossiyskoye ob"yedineniye khleboproduktov.

REGIDA, P., inzh.

Using grooves with various angles in milling high-grade flour. Muk.-elev. pros. 25 no.5:17-19 My '59. (MIRA 12:8)

l.Glavnoye upravleniye mukomol'noy, krupyanoy i kombikormovoy promyshlennosti Ministerstva khleboproduktov RSFSR.

(Grain-milling machinery)

REGIDA, P.

Vertical machine for finishing bran. Muk.-elev.prom. 26 no.1: 22-23 Ja '60. (MIRA 13:6)

1. Starshiy tekhnolog Glavnogo upravleniya Mukomol'no-krupyanoy i kombikormovoy promyshlennosti Ministerstva khleboproduktov RSFSR. (Flour mills--Equipment and supplies)

REGIDA, P.; MEL'NIKOV, M.; KUZNETSOV, M.

Separating corn germs at feed mills. Muk.-elev. prom. 28
no.10:8 0 '62. (MIRA 16:1)

1. Vserossiyskoye ob"yedineniye khleboproduktov.
(Feed mills) (Corn (Maize))

REGIDA, P.

Adjusting milling machinery for low quality grain. Muk. elev. prom. 23 no.12:27 D 57. (MIRA 11:2)

1. Glavnoye upravleniye mukomol'no-krypyanoy i kombikormovoy promyshlennosti Ministerstva khleboproduktov RSFSR.

(Grain milling)

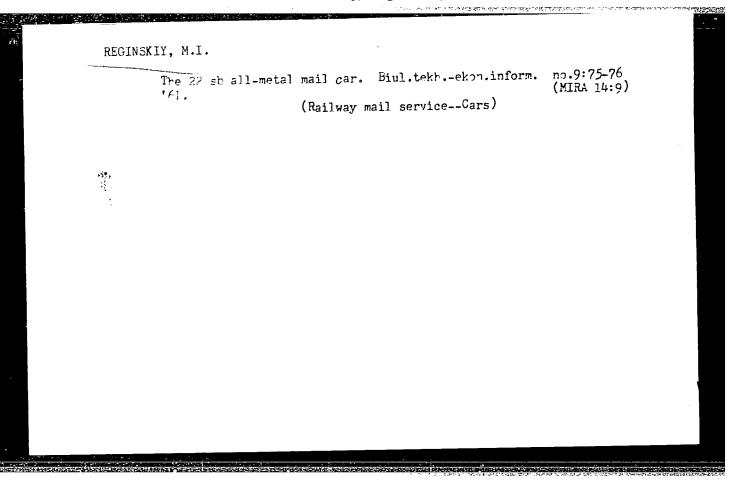
REGINAC, Ladislav

"What is that?" by [Dr.Ing.] Alfred Schwankl. Reviewed by Ladislav Reginac. Drevo 19 no.6:3 of cover Je '64.

REGINSKIY, M. I.

Railroad cars manufactured at the Leningrad Egorov Plant. Biul. tekh.—ekon.inform.Gos.nauch.—issl.inst.nauch. i tekh.inform. no.10:65-67 '62. (MIRA 15:10)

(Leningrad—Railroads—Cars)



CHERNYSPEV, M.P.; ROZHKOV, L.P.; SHUL'GINA, Ye.F.; IGNATOVICH, A.F.;
LABUNSKAYA, L.S.; FOMINA, T.V.; CHERNYAKOVA, A.P.; SHPAKOVA,
L.N.; TARASOVA, M.K.; ANFILATOVA, A.I.; SLAVIN, L.B.;
BARYSHEVSKAYA, G.I.; DERIGLAZOVA, N.V.; MATUSHEVSKIY, G.V.;
AL'TMAN, E.N.; KROPACHEV, L.N.; CHEREDILOV, B.F.; POTAPOV,
A.T.; DUDCHIK, M.K.; REGENTOVSKIY, V.S.; YERMAKOVA, L.F.;
SEMENOVA, Ye.A.; KULIKOVSKIY, I.I.; KIRYUKHIN, V.G.; AKSENOV,
A.A., red.; NEDOSHIVINA, T.G., red.; SERGEYEV, A.N., tekhn.
red.; BRAYNINA, M.I., tekhn. red.

[Hydrometeorological handbook of the Sea of Azov] Gidrometeorologicheskii spravochnik Azovskogo moria. Pod red. A.A.Aksenova. Leningrad, Gidrometeoizdat, 1962. 855 p. (MIRA 16:7)

1. Gidrometeorologicheskaya observatoriya Chernogo i Azovskogo morey.

(Azov, Sea of--Hydrometeorology)

REGINSKIY, A.N.; KHODAREV, N.N.; KRAMER, A.A.

Scanning of the kidneys with Hg²⁰³-labelled neohydrine; an experimental study. Med. rad. 10 no.9:47-50 S *65.

(MIRA 18:10)

1. Institut meditsinskoy radiologii (zav. laboratoriyev - prof. M.N. Fateyeva) i Institut terapii (zav. otdeleniyem - prof. N.A.Ratner) AMN SSSR. Moskva.

REGINSKIY, A.N.

Investigation of the thyroid gland with a scanner (scintigraphic card) of the MB-7101 (B-16-1-A) gamma P-511 type (Hungarian make) with a preliminary selection of optimal conditions on phantoms. Med. rad. 8 no.7:12-16 Jl '63. (MIRA 17:1)

1. Iz Instituta meditsinskoy radiologii AMN SSSR.

LOGINOV, A.S.; FATEYEVA, M.N.; REGINSKIY, A.N.

· 医克里克氏 医克里克氏 医克里克氏 医克里克氏病 医克里氏病 医二氏病

Experience in the combined use of radioisotope scanning and laparoscopy in the diagnosis of liver diseases. Med. rad. 9 no.3:37-47 Mr (MIRA 17:12)

1. Institut meditsinskoy radiologii AMN SSSR i Institut terapii AMN SSSR, Moskva.

LOGITION, A.S.; RECIFISKIY, A.II.

Radioisotope scanning and laparoscopy in the diagnosis of liver diseases. Akt. vop.pat.pech. no.3:61-78 '65. (MIRA 18:11)

SMIRRAMA, G.A., ampirant; SHGHENBAKOVA, M.N.; BOGACHEVA, V.J.; REGINYA, V.P.

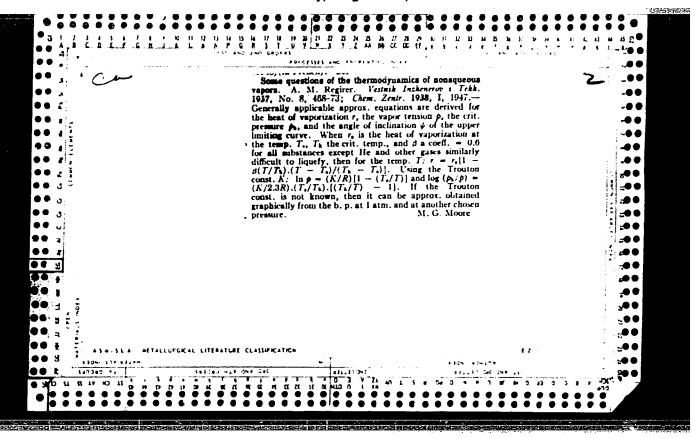
Economic efficiency of the manufacture of nonwoven fabrics. Tekst. prom. 25 no.8:50-51 Ag '65. (MIRA 18:9)

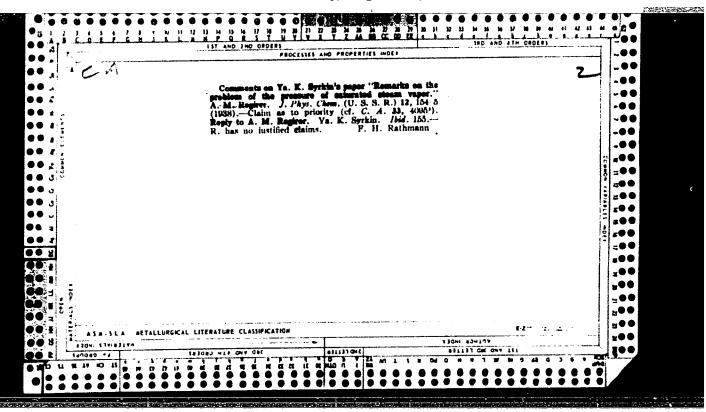
1. Leningradskiy institut tekstil'noy i legkoy promyshlennosti imeni Kirova (for Smirnova). 2. Leningradskiy nauchno-issledovatel'skiy institut tekstil'noy promyshlennosti (for Shcherbakova). 3. Nachal'nik tekhnicheskogo otćela fabriki "Lensukno" (for Bogacheva). 4. Zaveduyushchiy apparatno-pryadil'nym proizvodstvom fabriki "Lensukno" (for Reginya).

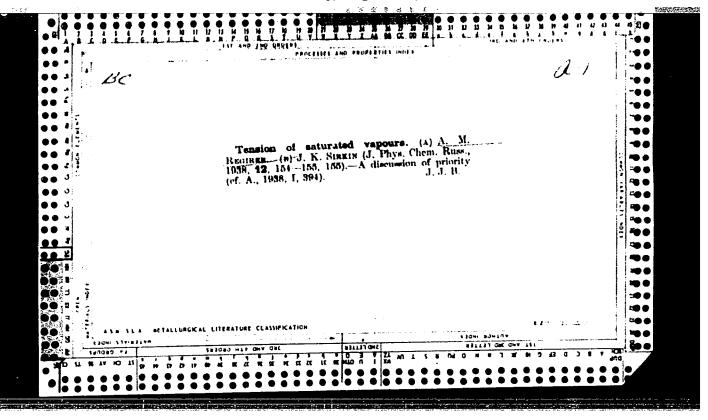
GORELIK, Boris Isaakovich; REGINYA, L., red.; KODahiw, P., tokhn.red.

[Over northern roads] Po dorogan severa. Syktyvkar, Koni knizhnoe (MIRA 12:1)

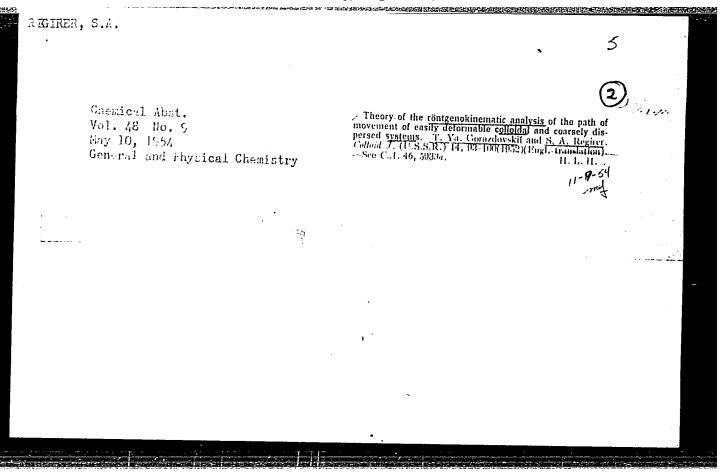
(Komi A.S.S.R.--Description and travel)

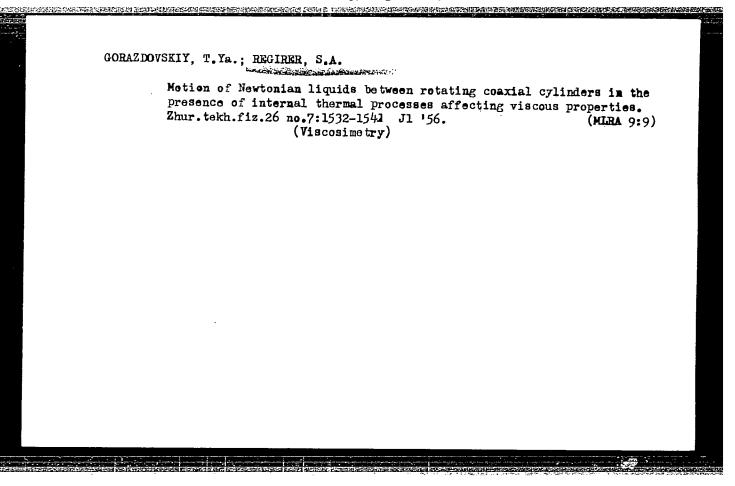






	placing the obmethods and the detg the coord dadacent centrathods are not thods are not case.	Analytic the of motion of shown by to 2 centra. X-ray picture.	usen/Chemistry "The Theory of Trajectories of Colloids and of T. Ya. Gorazdo Phys, Moscow II Phys, Moscow II
	disple object their trains ordinat out equipment of the train in the train of the train in the train of the train in the t	3-4	
(displacing the X-ray tube object being studied. Exp their theory. Gives form rdinates and eqs of the cutral projections. The 2 of tral projections are formulas tequiv, and sep formulas in Indicates physical and pods of finding unique solutions of finding unique solutions.	eory for obtaining tri	Deformation of M Colloidal Systems (-Ray Cinematic Analysis Motion of Easily Deform Coarsely Dispersed Syst skiy, S. A. Regirer, Cha st of Chem Machinery Bld Vol XIV, No 2, pp 85-92
	ray tube led. Expers form of the contract formulas formulas sical and ique sol	or obtaining trajectories icles of media being deformed imensional curve corresponding ections obtained in the form of Projections can be obtained by 21611	of Mar/A Systems ic Analysis of sily Deformable persed Systems, egirer, Chair o chinery Bldg 2, pp 85-92
2)671.0	or displains the plains for alas for arve in 2 above meare given are given as.	gectories ing deformed corresponding in the form of se obtained by	Mar/Apr 52 s of the mable tems," nair of dg





USSR/Physical Chemistry - Liquids and Amorphous Bodies. Gases, B-6

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 307

Author: Gorazdovskiy, T. Ya., and Regirer, S. A.

Institution: None

Title: Motion of a Newtonian Liquid Between Two Rotating Coaxial Cylinders in

the Presence of Internal Heat Processes Affecting the Viscous Proper-

ties

Original

Periodical: Zh. tekhn. fiziki, 1956, Vol 26, No 7, 1532-1541

Abstract: It was found that during the investigation of the viscosity of liquids

with the rotational viscosimeter strong initial heating of the liquid could be observed; this heating altered the rheological properties of the liquid under investigation. Starting with the basic differential equations describing the motion of a viscous liquid, the authors have solved the problem of the flow and heat exchange in a viscous layer between 2 rotating coaxial cylinders of infinite length, taking into

account the dissipation of energy, heat conductivity, and the

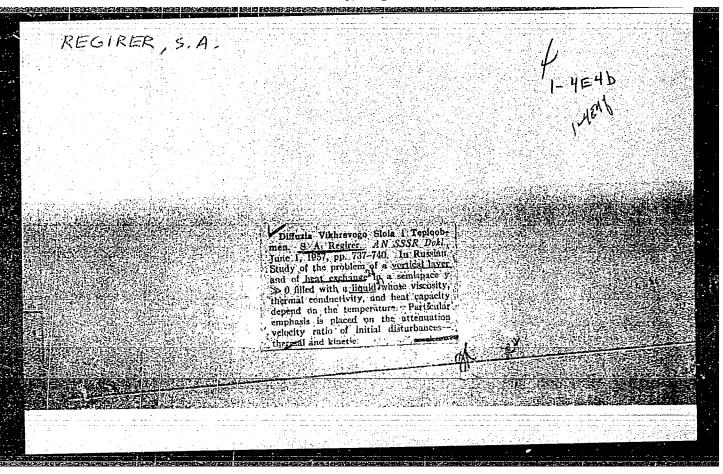
Card 1/2

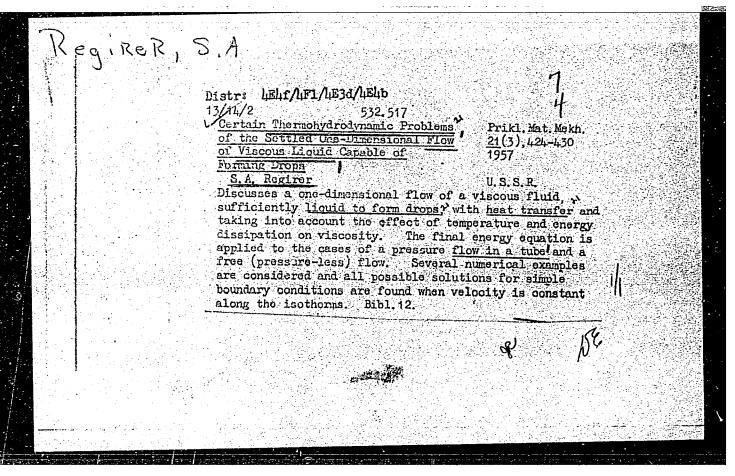
USSR/Physical Chemistry - Liquids and Amorphous Bodies. Gases, B-6

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 307

Abstract: dependence of the viscosity on the temperature during steady-state conditions. The indicated method of partial solutions is applicable to the treatment of viscosimetry experiments and to the determination of the temperature variation of the viscosity in the neighborhood of the given temperature. A comparison of the method with isothermal theory is given and the applicability of such methods to viscosity studies, particularly of structured systems.

Card 2/2





AUTHOR:

Regirer, S. A.

20-114-4-16/63

TITLE:

The Diffusion of the Vortical Layer and Heat Exchange

(Diffuziya vikhrevogo sloya i teploobmen)

PERIODICAL:

Doklady Akademii Nauk SSSR, 1957, Vol. 114, Nr 4, pp. 737-740

(USSR)

ABSTRACT:

The author investigates the automodellike problem of the diffusion of a vortical layer and the heat exchange in the semispace $y \geqslant 0$. This semispace is filled with a liquid, the viscosity, heat conductivity and heat capacity of which depend upon temperature. In the beginning the liquid is at rest and has temperature of T = 0. The surface y = 0 begins to move in the z-direction with the constant velocity U and the temperature suddenly rises to $T = T_c$. When solving this problem, the problem of the ratio of damping velocities of the initially existing thermal and kinematic perturbation is of especial interest. The equation system of this problem is written down. The problem is reduced to a system of ordinary differential equations and can be solved numerically by means of differential analyzer. In this sense an exact solution of the problem is possible. If the physical parameters of the problem are constant, the system of differential equations can be solved by

Card 1/2

The Diffusion of the Vortical Layer and Heat Exchange

20-114-4-16/63

quadratures.

Next, the behavior of the functions $u(\mathbf{r})$ and $\theta(\mathbf{r})$ at high values of t is investigated (t here denotes time). For the problem investigated here both temperature perturbations tend to an increase of temperature. Also for variable viscosity approximated estimations can be obtained. There are 2 figures and 1 reference, 1 of which is Slavic.

PRESENTED:

December 18, 1956 by S. L. Sobolev, Member, Academy of Sciences,

USSR

SUBMITTED:

March 31, 1956

Card 2/2

Diffusion in vortical layers and heat exchange. Dokl. AN SSSR (MIRA 10:9) 114 no.4:737-740 Je 157.

1. Predstavleno akademikom S.L. Sobolevym.
(Heat--Radiation and absorption) (Diffusion)